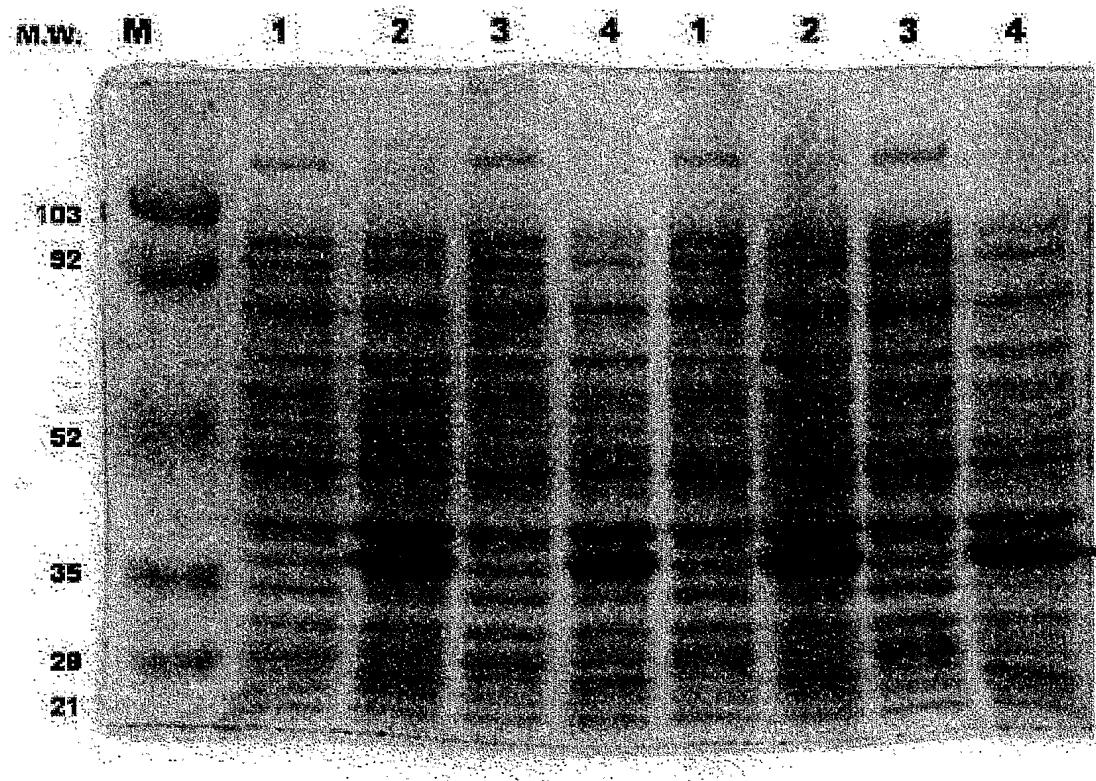


## FIG. 1

At5g10410	-----MEG--TGVVAVYGNAGAITEAK-KSPFSVKVGLAQMLRGGVIMDVVNAEQARIAEE	52
At2g38230	-----MAG--TGVVAVYGE GAMETEKQKSPFSVKVGLAQMLRGGVIMDVVNAEQARIAEE	53
At3g16050	MADQAMTDQDGAVTLYSGTAITDAKKNHPFSVKVGLAQVLRGGAIVEVSSVNQAKLAES	60
snz3	-----MS-----EFKVKTGLAQMLKGGVIMDVVTPEQAIIAER	33
snz2	-----MS-----EFKVKTGLAQMLKGGVIMDVVTPEQAIIAER	33
snz1	-----MTG-----EDFKIKSGLAQMLKGGVIMDVVTPEQAKIAEK	35
	* . : * * * * : * : * . : * * : * *	
At5g10410	AGACAVMALERVPADIRAQGGVARMSPQMIKEIKQAVTIPVMAKARIGHFVEAQILEAI	112
At2g38230	AGACAVMALERVPADIRAQGGVARMSPPEMIKEIKNAV TIPVMAKARIGHFVEAQILEAI	113
At3g16050	AGACSVIVSD----PVRSRGGVRRMPDPVLIKEVKRAVSVPVMARARVGHFVEAQILESL	116
snz3	AGACAVMALERIPADMRKSGQVCRMSDPRMIKEIMEAVSIPVMAKVRIGHFVEAQILEEL	93
snz2	AGACAVMALERIPADMRKSGQVCRMSDPRMIKEIMEAVSIPVMAKVRIGHFVEAQILEEL	93
snz1	SGACAVMALESIPADMRKSGKVCRMSDPKMIKDIMNSVSIPVMAKVRIGHFVEAQIIEAL	95
	: * * : * . : * * * * : * : * : * : * : * : * : * : * : * : * : * :	
At5g10410	GIDYIDESEVTLADEDHHINKHNFRIPFVCGCRNLGEALRRIREGAAMIRTKG-EAGTG	171
At2g38230	GVDYVDESEVTLADEDNHINKHNFKIPFVCGCRNLGEALRRIREGAAMIRTKG-EAGTG	172
At3g16050	AVDYIDESEIIISVADDHFINKHNFRSPFICGCRDTGEALRRIREGAAMIRIQLDTATG	176
snz3	QVDYIDESEVLT PADWTHHIEKHNFKVPFVCGAKDLGEALRRINEGAAMIRTKG-EAGTG	152
snz2	QVDYIDESEVLT PADWTHHIEKHNFKVPFVCGAKDLGEALRRINEGAAMIRTKG-EAGTG	152
snz1	EVDYIDESEVLT PADWTHHIEKDKFKVPFVCGAKDLGEALRRINEGAAMIRTKG-EAGTG	154
	: * : * * : * : * : * : * : * : * : * : * : * : * : * : * : * : * :	
At5g10410	NIIEAVRHRSVNGDIRVLRN--MDDDEVFTFAKKLAAPIYDLMQTKQLGRLPVVQFAAG	229
At2g38230	NVVEAVRHRSVNGAIRLLRS--MDDDEVFTYAKKIAAPYDLVVQTKELGRLPVVQFAAG	230
At3g16050	NIAETVKNVRSLMGEVRVLNN--MDDDEVFTFAKKISAPYDLVQTKQMGRVPVVQFASG	234
snz3	DVSEAVKHITKIKAEIQQYKENLKTESDFAKATELRVPV DLLKTTLSEGKLPVVNFAAG	212
snz2	DVSEAVKHITKIKAEIQQYKENLKTESDFAKATELRVPV DLLKTTLSEGKLPVVNFAAG	212
snz1	DVSEAVKHIRRITEEIKACQQ-LKSEDDIAKVAEEMRVPVSLLKDVLEKGKLPVVNFAAG	213
	: * : * : : : : .. : .. : .. : * : : .. : * : .. : * : * : * : * : * :	
At5g10410	GVATPADAALMMQLGCDGVFVGSGIFKSGDPARRARAIVQAVTHYSDPEMLVEVSCGLGE	289
At2g38230	GVATPADAALMMQLGCDGVFVGSGIFKSGDPV KRAKAIIVQAVTNYRDAAVLAEVSCGLGE	290
At3g16050	GITTPADAALMMQLGCDGVFVGSEVFDGPDPFKKLRSIVQAVQHNDPHVLAEMSSGLEN	294
snz3	GVATPADAALLMQLGCEGVFVGSGIFKSSDPEK LACAIVEATTHYDNPAPKLLQVSSDLGD	272
snz2	GVATPADAALLMQLGCEGVFVGSGIFKSSDPEK LACAIVEATTHYDNPAPKLLQISSLGD	272
snz1	GVATPADAALLMQLGCDGVFVGSGIFKSSNPVRLATAVVEATTHFDNPSKLLEVSSDLGE	273
	* : * : * : * : * : * : * : * : * : * : * : * : * : * : * : * : * : * :	
At5g10410	AMVGINLNDEKVERFANRSE----- 309	
At2g38230	AMVGLNLD-KVERFASRSE----- 309	
At3g16050	AMESLNVRGDRIQDFGQGSV----- 314	
snz3	LMGGISIQSINEAGGKNGARLSEIGW 298	
snz2	LMGGISIQSINEAGGKNGARLSEIGW 298	
snz1	LMGGVSIESISHAS--NGVRLSEIGW 297	
	* . : . .	

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FIG. 2



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FIG. 3A

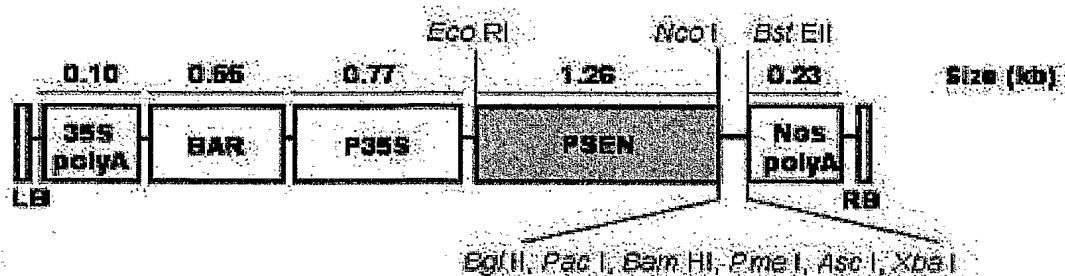
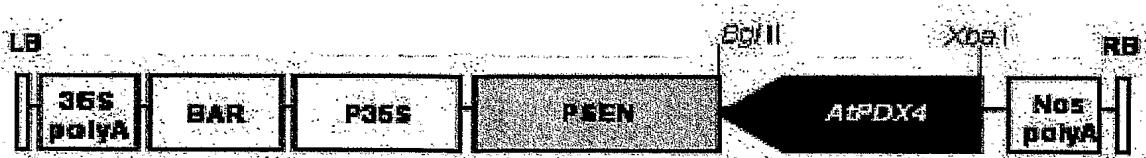


FIG. 3B



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FIG. 4



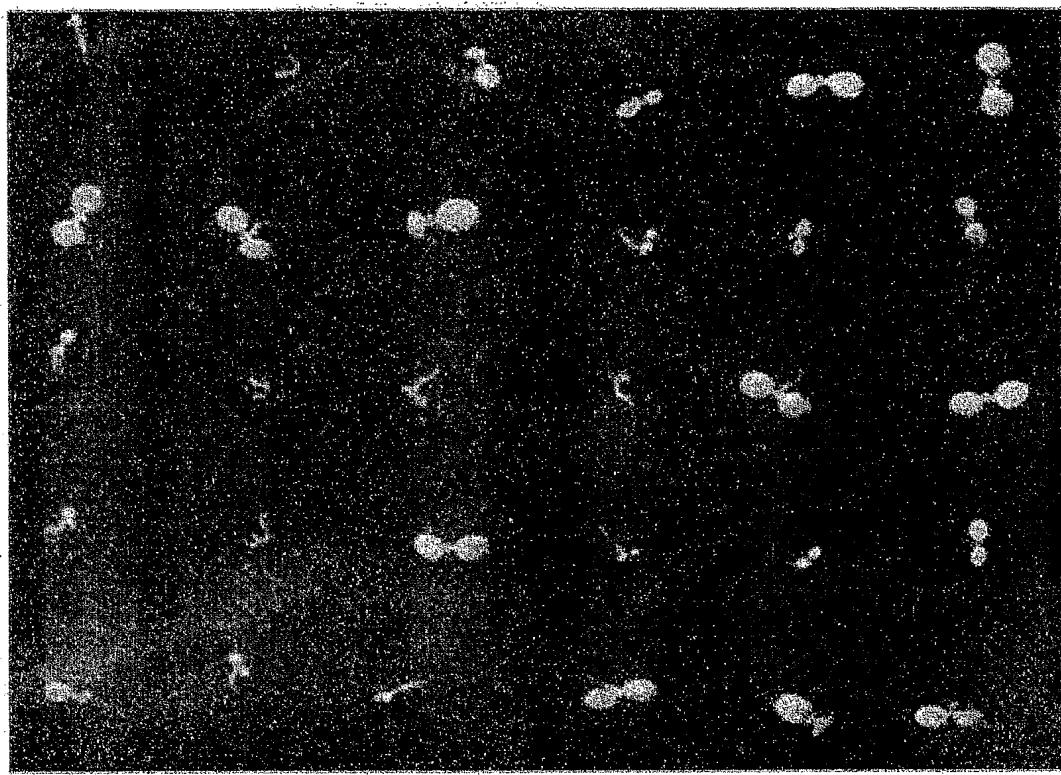
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FIG. 5A



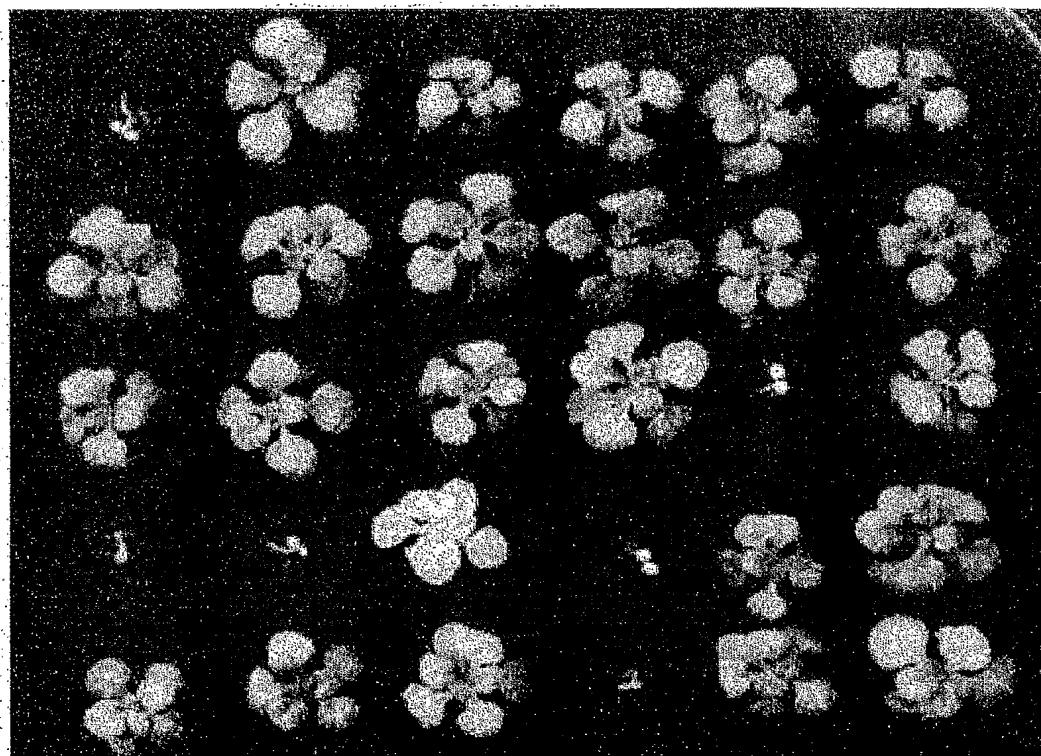
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FIG. 5B



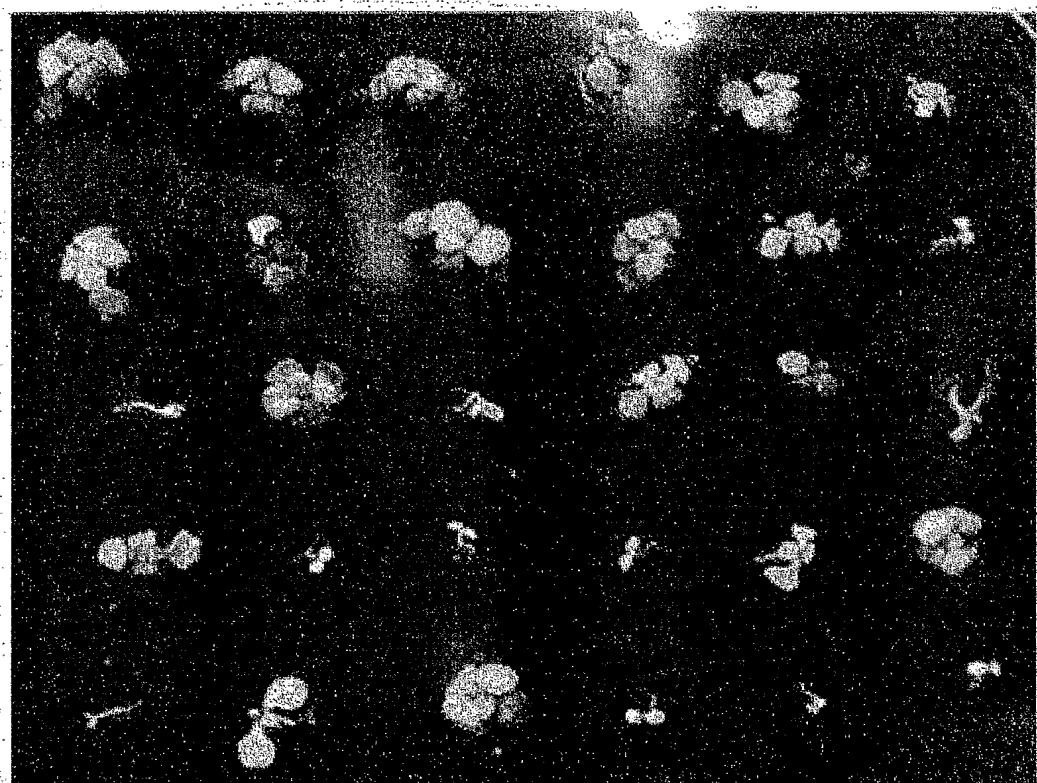
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FIG. 5C



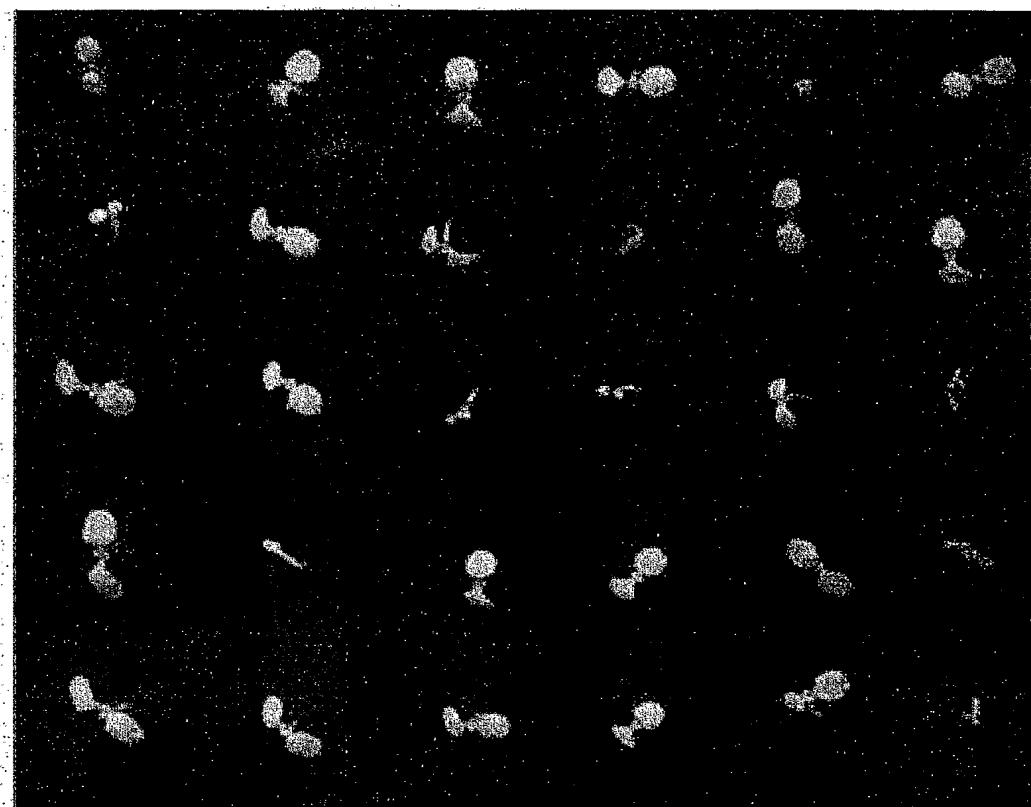
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FIG. 5D



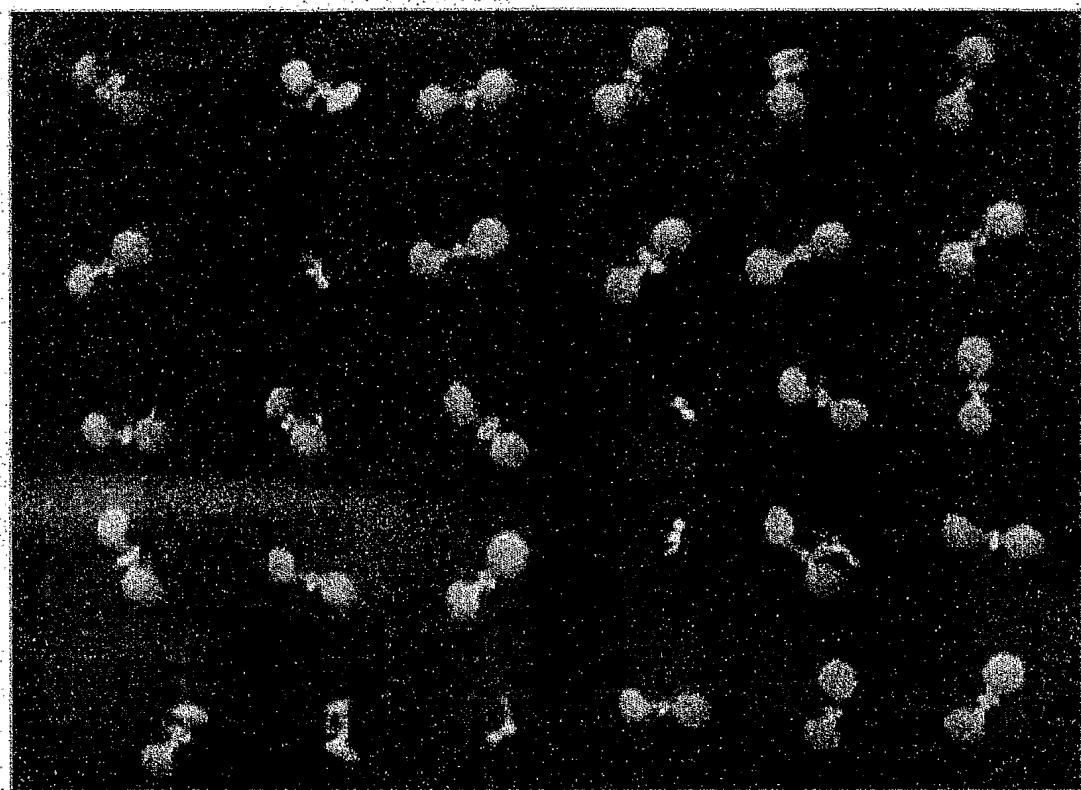
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FIG. 6A



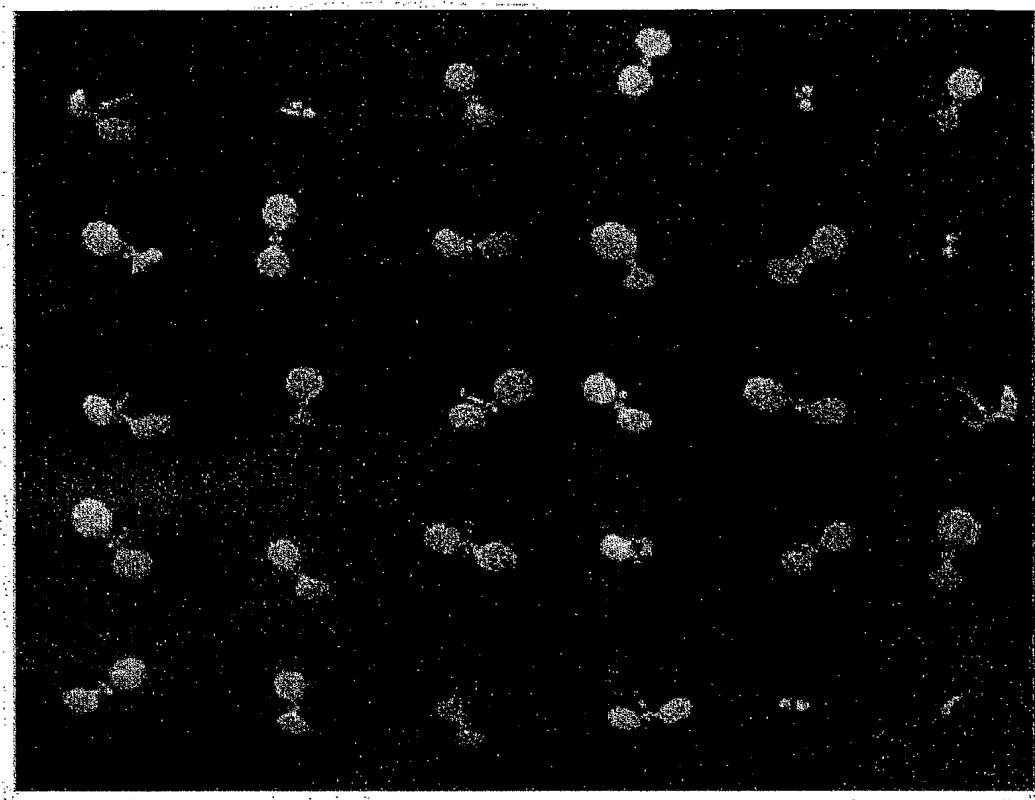
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FIG. 6B



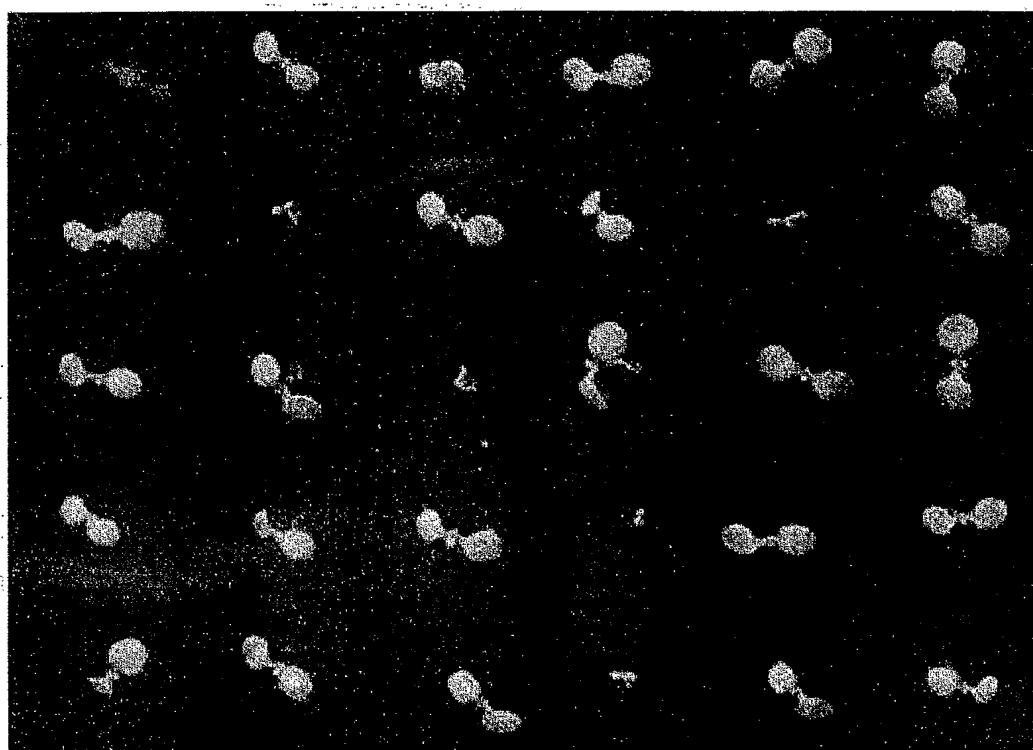
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FIG. 6C



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FIG. 6D



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FIG. 6E

